



## LCR RESPONSE CURVE

### LCR Response Curve

#### Explanation:

This experiment studies the response of an LCR circuit when subjected to an alternating voltage. It helps in determining the resonance frequency of electrical circuits.

#### Application:

- Used in designing electronic filters and oscillators.
- Important for electrical circuit analysis.

#### Measurement Table:

Component	Value/Unit
Inductor (L)	H
Capacitor (C)	F
Resistance (R)	Ohm ( $\Omega$ )
Resonance Frequency	Hz